Fusion

MD 85"H Self-Service Refrigerated Doored Case

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

- **MD485DR** 50-1/4"L x 37-1/8"D x 85-1/2"H
- **MD685DR** 74-1/4"L x 37-1/8"D x 85-1/2"H



MD485DR Shown With Optional French Doors

Included

- Breeze self-contained refrigeration
- 1 year parts & labor warranty, 5 year compressor warranty
- Glass swinging front doors
- Hydrocarbon refrigerant (R290)
- LED top & shelf lights
- MD485DR - 2 Doors
- MD685DR - 3 Doors
- Stainless steel rear exterior
- Warmest average product temperature of 40°F or less

Specify	Standard Features	Additional Options
EXTERIOR COLOR	• Laminate (stock colors)	• Laminate (non-stock colors) • Powder coated (stock/non-stock colors) • Powder coated Silversan Black • Stainless steel
INTERIOR COLOR	• Powder coated Silversan Black	• Stainless steel
LOWER FRONT PANEL COLOR	• Powder coated Silversan Black	• Powder coated (stock/non-stock colors) • Stainless steel
BASE SUPPORT	• Casters w/ levelers (self-cont.)	
BUMPER FRONT	• 1" Boston bumper (specify color)	• 1" Stainless steel plate rail bumper
END PANELS	• Full w/stainless steel mirror interior	• Cutaway w/glass • None (specify per line-up)
FRONT DOORS	• Left hand hinge (customer facing)	• French doors • Right hand hinge (customer facing)
PRICE TAG MOLDING	• None	• 1" Price tag molding (black or silver) • Universal price tag molding (clear w/ open top)
REAR DOORS	• None (solid back panel)	• Solid rear swinging door(s) w/lock
SHELVING	• (5) Lighted solid shelves	• (4) Lighted solid shelves (required for milk crate drip pans)
LIGHTS	• LED 3500K w/ frosted lens	
ELECTRICAL CONNECTION	• 6' Straight blade power cord (self-cont.)	• 6' Locking power cord (self-cont.) • Electrical leads (remote)
CLEAN SWEEP	• None	• Clean Sweep® coil cleaner (self-cont.) (2 year parts & labor warranty included)
REFRIGERATION	• Breeze self-contained refrigeration	• Remote w/thermostat, solenoid & TXV
MISCELLANEOUS		• Second year parts & labor warranty (excludes compressor)
ACCESSORIES		[1] • Stainless steel milk crate drip pans

Option Notes: 1 - N/A with (5) shelves

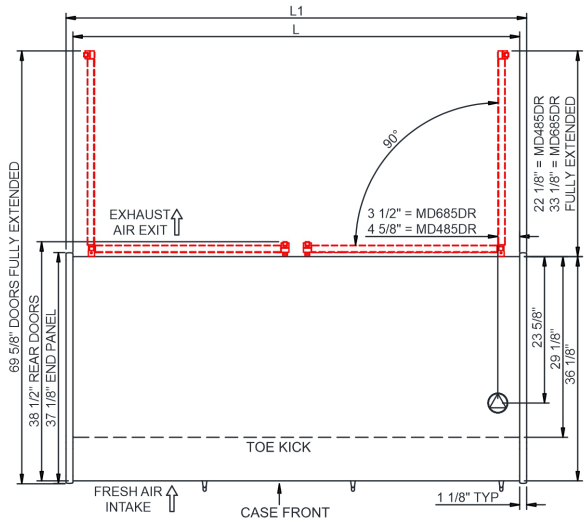
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Intended Environment:	Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise in system information below.	
Zone	**Intended Product To Be Displayed**	**Warmest Avg Prod Temp ° F**
1	Packaged / unpackaged refrigerated products-Prechilled to Warmest Avg Prod Temp.	40

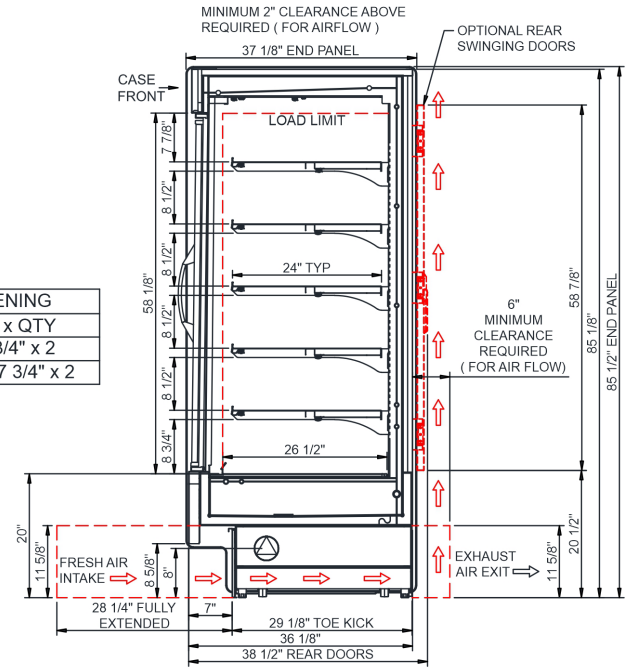
PLAN VIEW



NOTE:
1. SELF-CONTAINED REFRIGERATION ACCESS ONLY BY PULLING OUT CONDENSER DRAWER.

REAR DOORS OPENING	
MODEL	WD x HT x QTY
MD485DR	17" x 57 3/4" x 2
MD685DR	28 5/8" x 57 3/4" x 2

SIDE VIEW



NOTE: ALL DIMENSIONS APPROXIMATE

ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH $\frac{3}{4}$" OR 1$\frac{1}{2}$" PVC TUBE).
REFRIGERATION LINE CONNECTION.
REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
SELF-CONTAINED CASE SERVICE ACCESS AREA.
DRY CASE SERVICE ACCESS AREA.

Model Technical Specifications

Model	L"	L1"	L2"	System Circuit Volts			Phs	Freq	Amps ***	Watts	Wires	NEMA Plug	SST	Conv. Rack BTUH	Para. Rack BTUH	Est Wt
MD485DR	48.00	50.25	.00	Remote (DX - A2L)	Circuit #1	110-120	1	60	2.72	116	2+G	Leads Multiple	26.00	1771	1640	N/A
				Remote (DX)	Circuit #1	110-120	1	60	2.02	116	2+G	Leads Multiple	26.00	1771	1640	
				Self-Contained (R290)	Circuit #1	110-120	1	60	10.73	1,008	2+G	5-15P or L5-15P	N/A	N/A	N/A	
				Self-Contained (R290)	Circuit #1	110-120	1	60	10.73	1,008	2+G	5-15P or L5-15P	N/A	N/A	N/A	
MD685DR	72.00	74.25	.00	Remote (DX - A2L)	Circuit #1	110-120	1	60	2.72	140	2+G	Leads Multiple	-	2851	2640	N/A
				Remote (DX)	Circuit #1	110-120	1	60	2.02	140	2+G	Leads Multiple	-	2851	2640	
				Self-Contained (R290)	Circuit #1	110-120	1	60	11.18	1,061	2+G	5-15P or L5-15P	N/A	N/A	N/A	
				Self-Contained (R290)	Circuit #1	110-120	1	60	11.18	1,061	2+G	5-15P or L5-15P	N/A	N/A	N/A	

*** Does not include electric defrost on freezer models.

Regulatory Approvals:	
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 & UL 60335-2-89 ETL Listed to CAN/CSA 22.2 No. 120 ETL Sanitation to NSF/ANSI 7

In Accordance with AHRI Std 1200

DOE 2017 Energy Efficiency Compliant

Important Notes:

1) Units must be shimmed during installation to ensure the unit is level and plumb.

⚠ **WARNING:** This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Placement of Case

Consider where the display case will be positioned relative to walls, ceilings, HVAC vents, windows, and other equipment discharging warm air.

The 5′ - 10′ - 15′ Rule

Stay 5′ away from an exterior window

Direct sunlight increases the heat load on the front of the display resulting in the refrigeration system having to work harder and possible condensation on the case.

Remain 10′ away from HVAC ceiling vents

Air blowing on the front of the display interrupts the air curtain and causes product temperatures to increase.

Minimum 4″ clearance to walls & ceilings.
Refer to spec sheets & design guide for further information.

With service display cases that have a glass front, air blowing on the front glass causes condensation to develop.

Position the display 15′ away from exterior doors

Air drafts from the front exterior doors interrupt the air curtain, allowing warm air to penetrate the inside of the display, affecting product temperature.

